

RECLAMATION

Managing Water in the West

California Water Challenges

Water Supply Conditions

September 2009



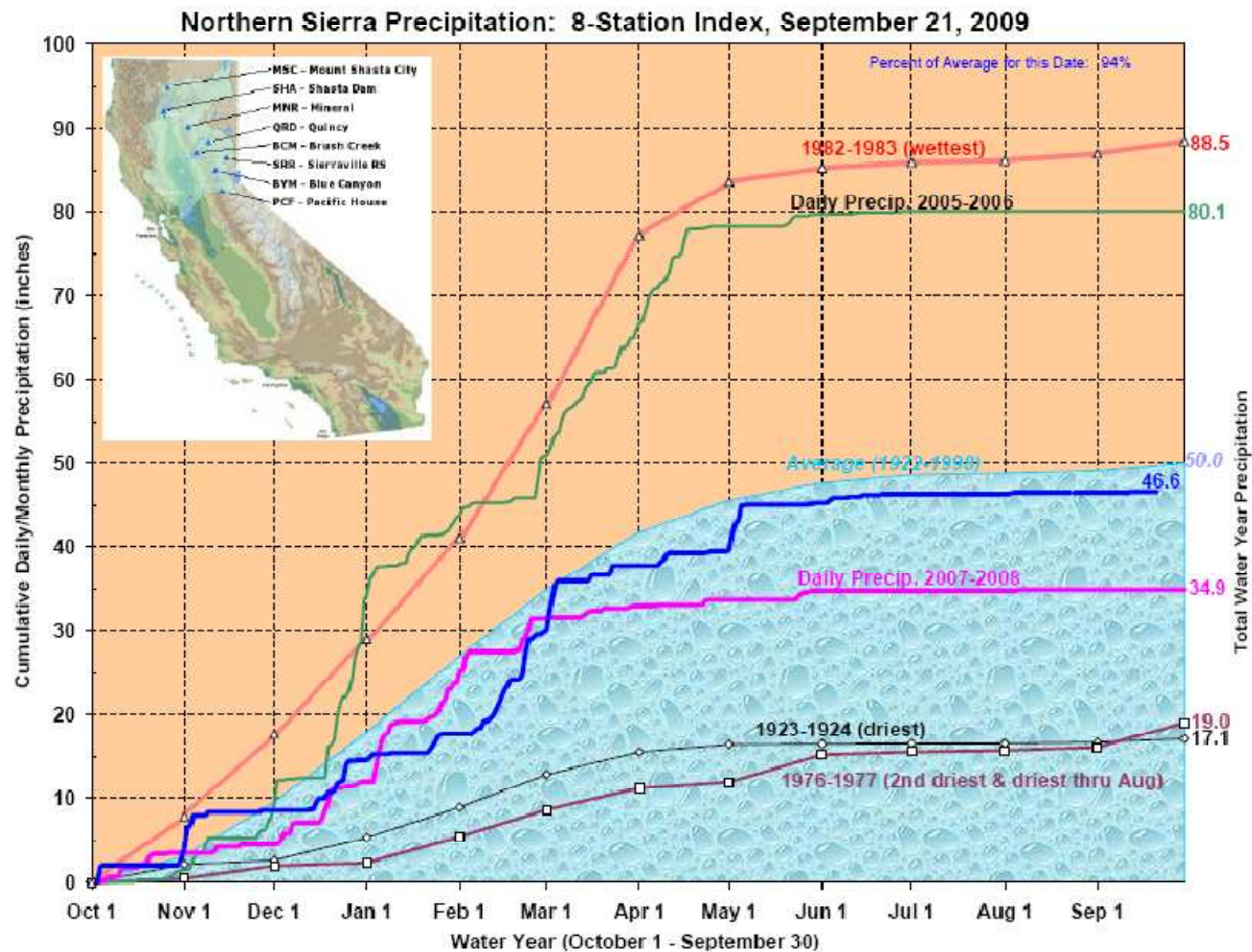
U.S. Department of the Interior
Bureau of Reclamation

2009 Water Supply Conditions

- 2009 Statewide runoff projected at 68%
- Major water supply reservoirs remain low
- Groundwater levels declining
- New regulatory actions to protect the Delta
- SWP/CVP allocations south of Delta near record lows

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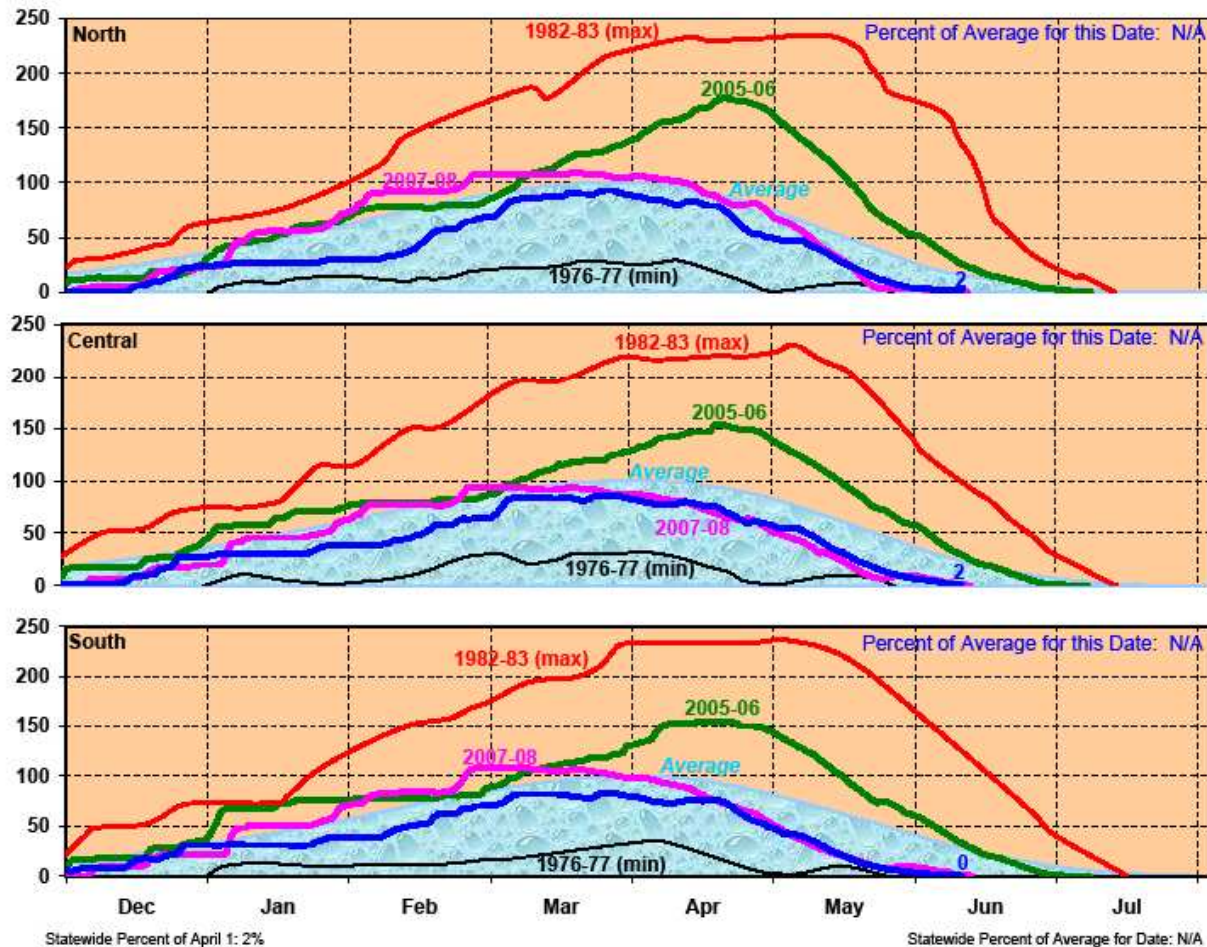
Northern Sierra Precipitation



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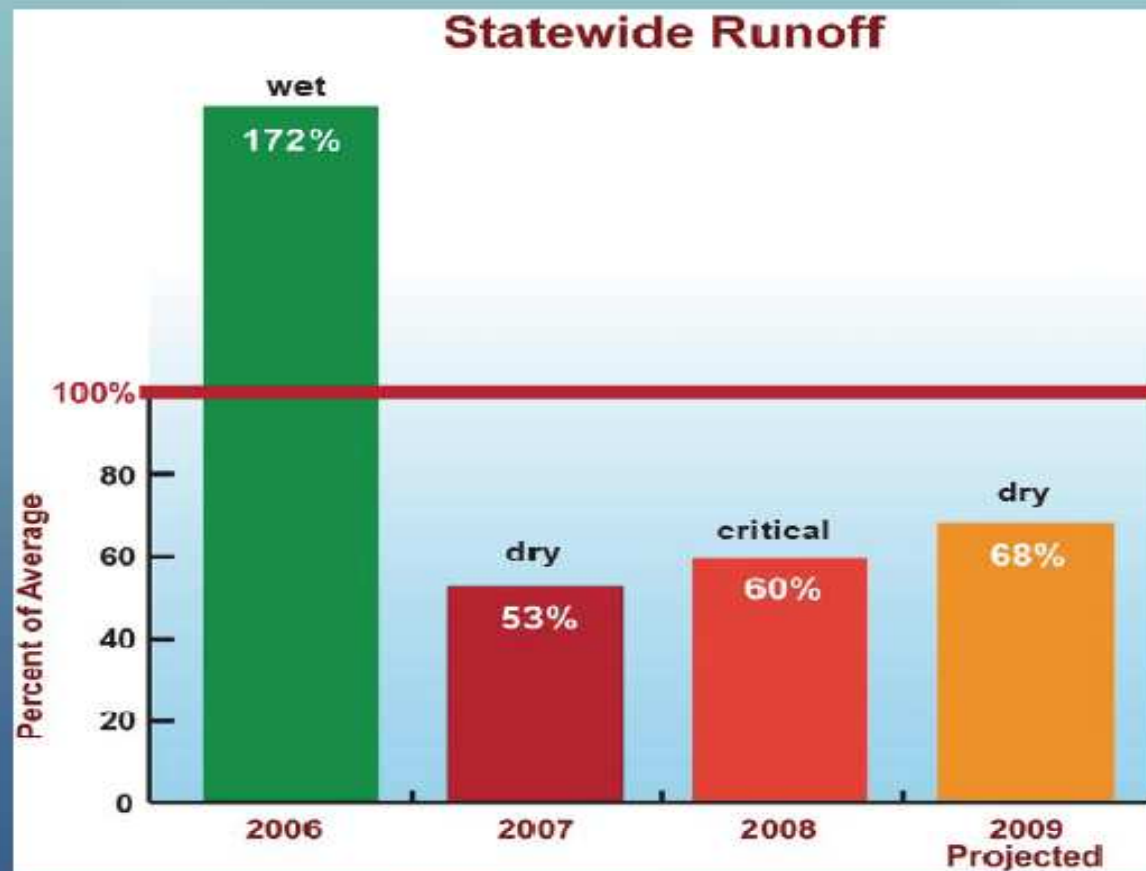
Sierra Snow Pack

California Snow Water Content, June 8, 2009, Percent of April 1 Average



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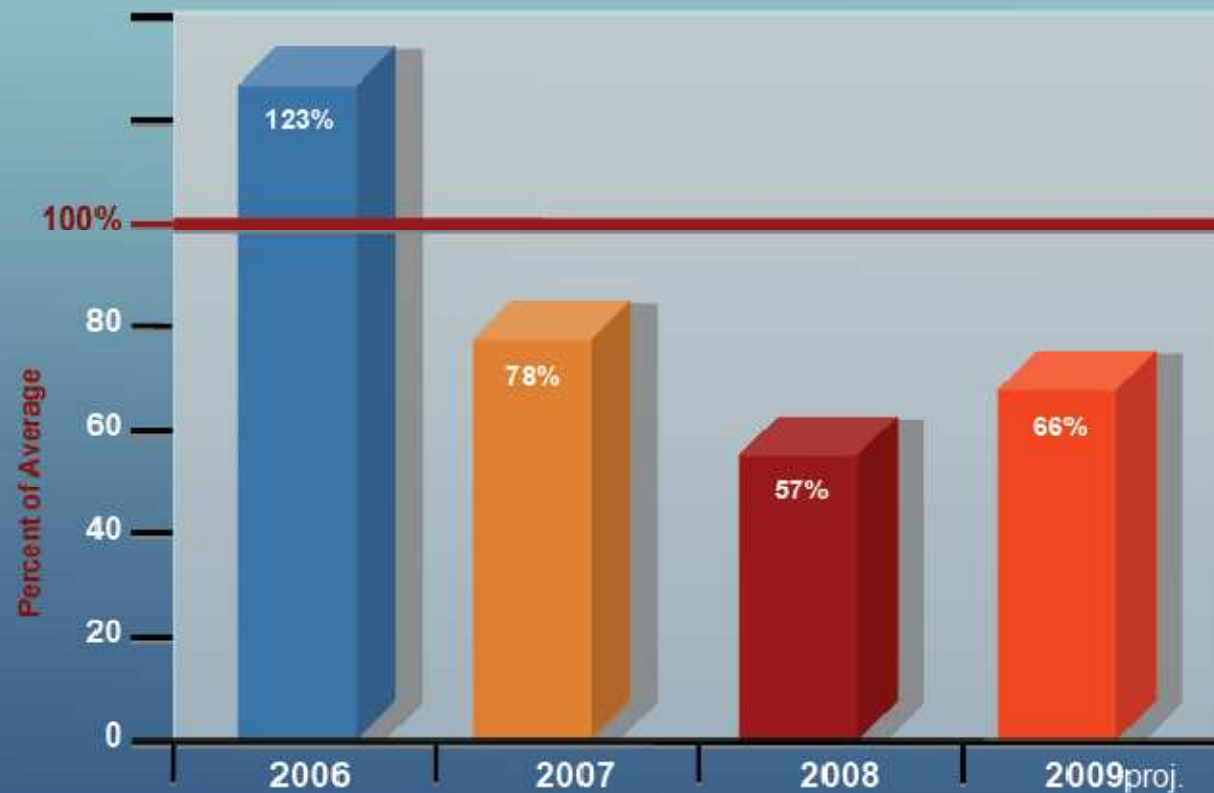
2009 Water Supply Conditions



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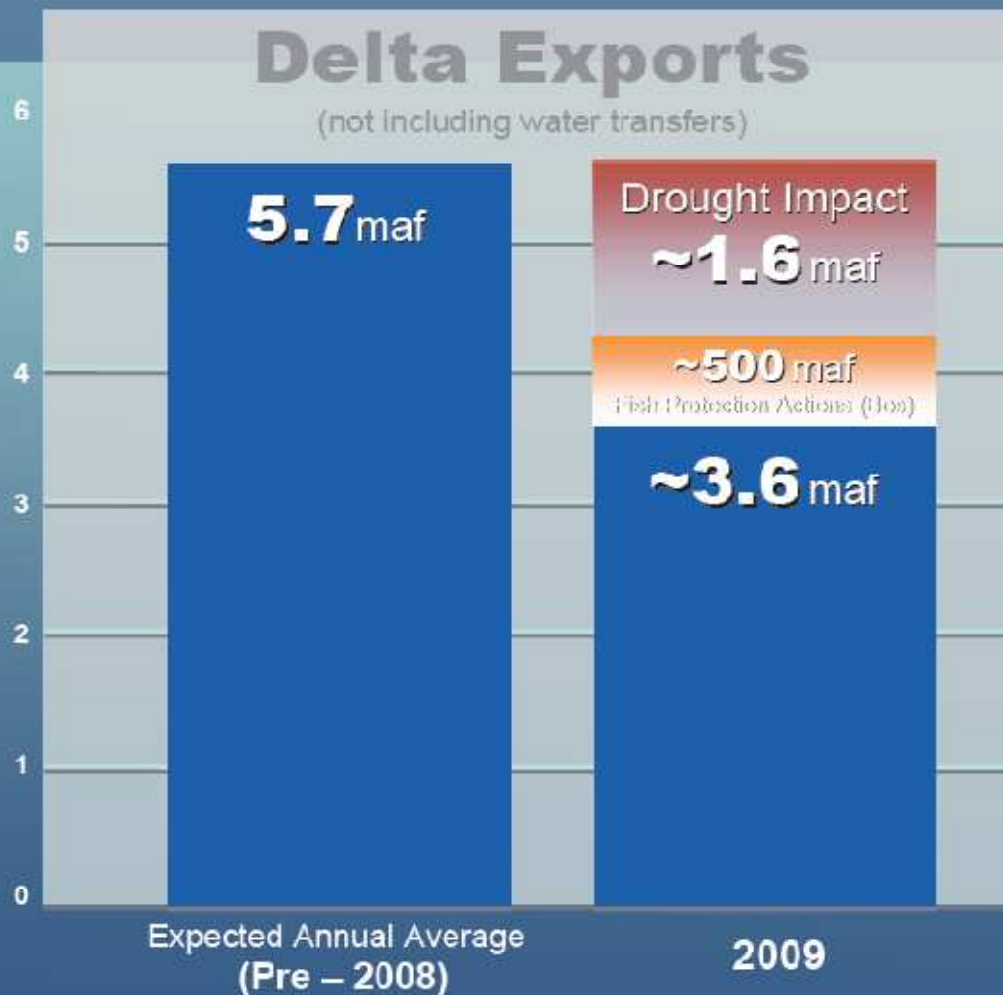
Carryover Storage Major Reservoirs

(Trinity, Shasta, Oroville, Folsom, New Melones, Don Pedro, San Luis)



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2009 Water Supply Conditions



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Groundwater

- Water levels **ABOVE** drought period water levels
- Water levels About the **SAME** as drought period water levels
- Water levels **BELOW** drought period water levels



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2009 Water Transfers

Drought Water Bank	81,000
Private North to South Transfers	250,000
Private North to North Transfers	114,000
Private South to South Transfers	230,000
Total	675,000

Preparing for a Dry 2010

Drought Preparedness

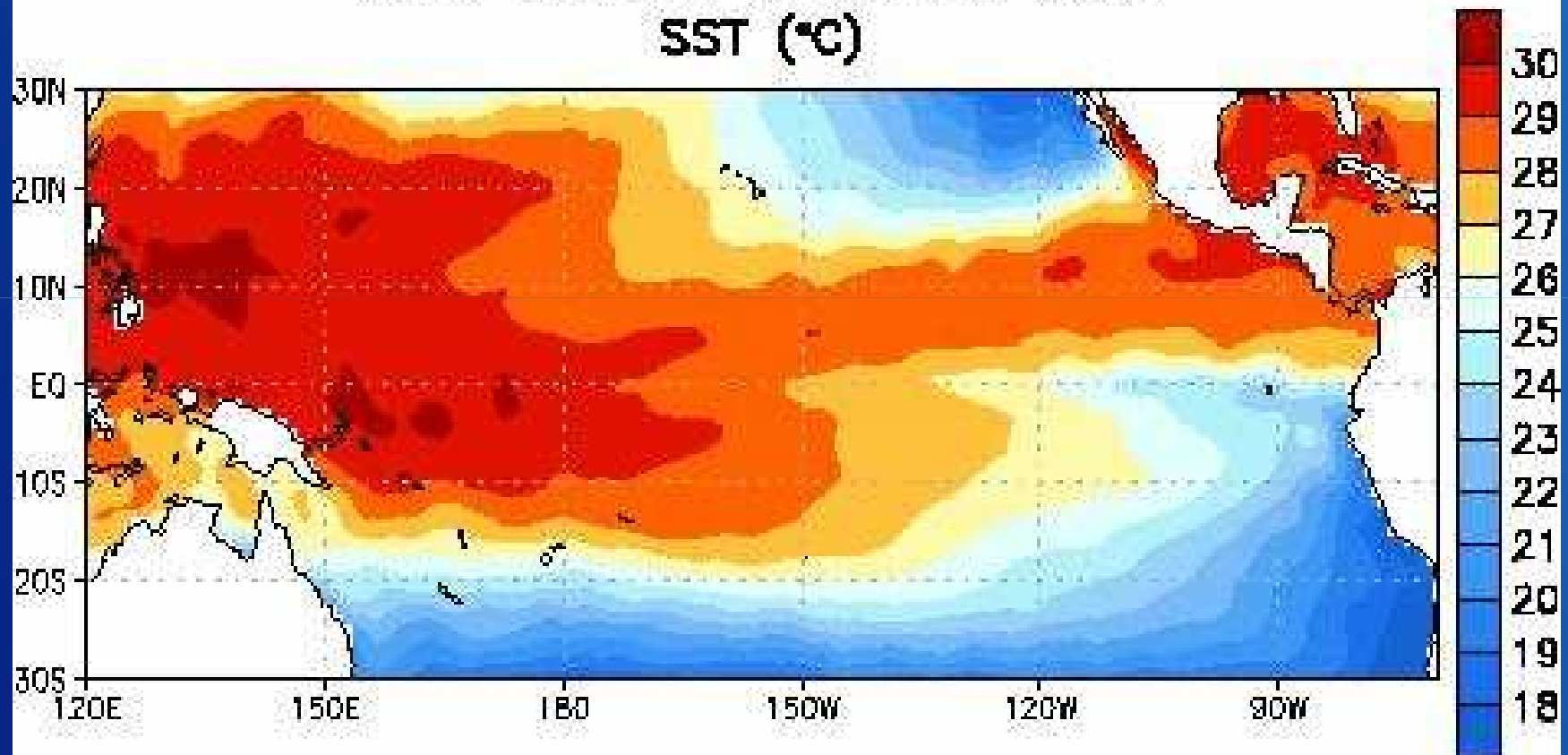


- Get Ready Workshops
- Statewide Save Our Water program
- 2010 & long-term water transfer programs
- Conjunctive use & groundwater management
- \$40M Federal drought projects

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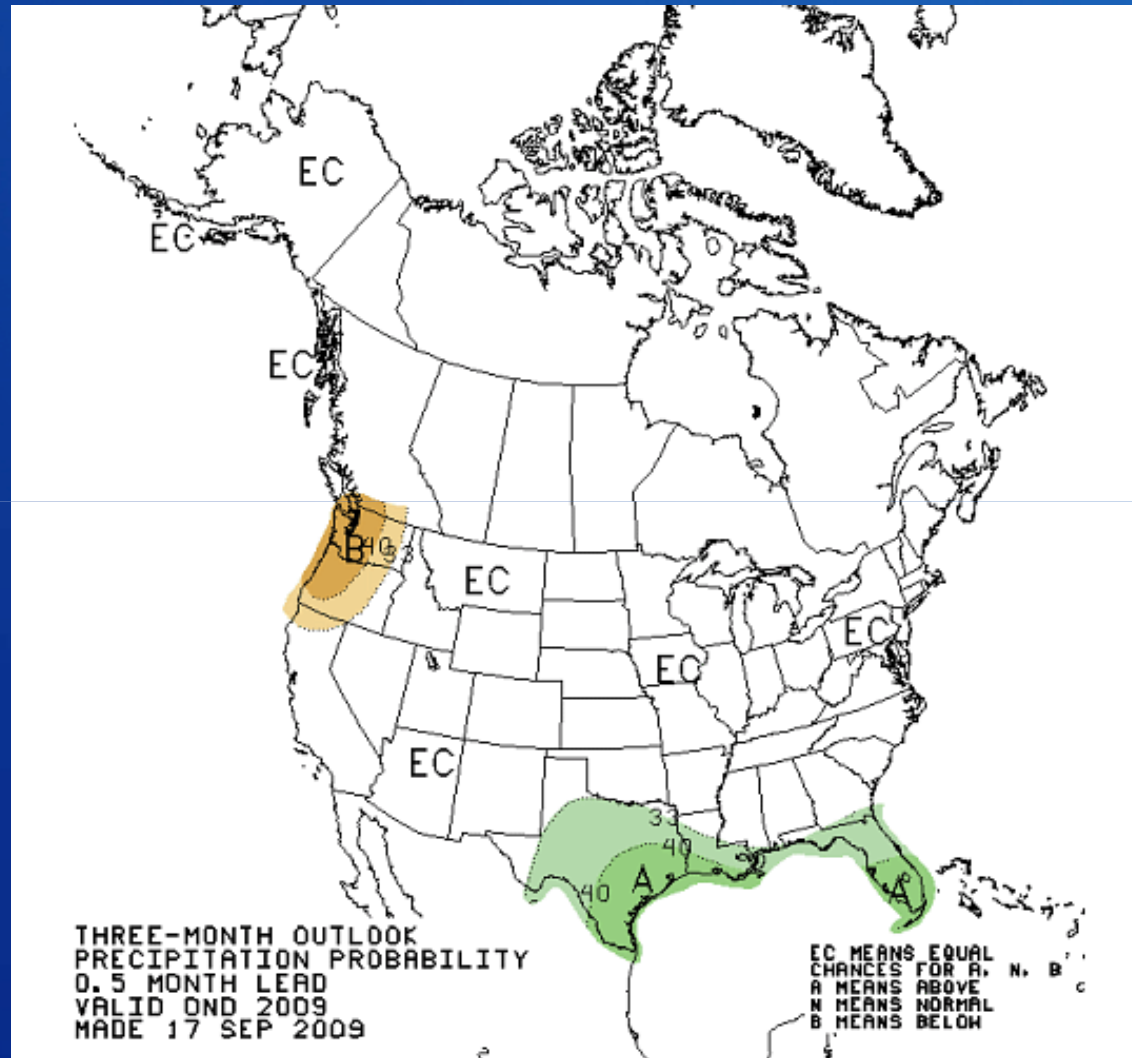
El Nino Developing?

Week centered on 08 JUL 2009
SST (°C)



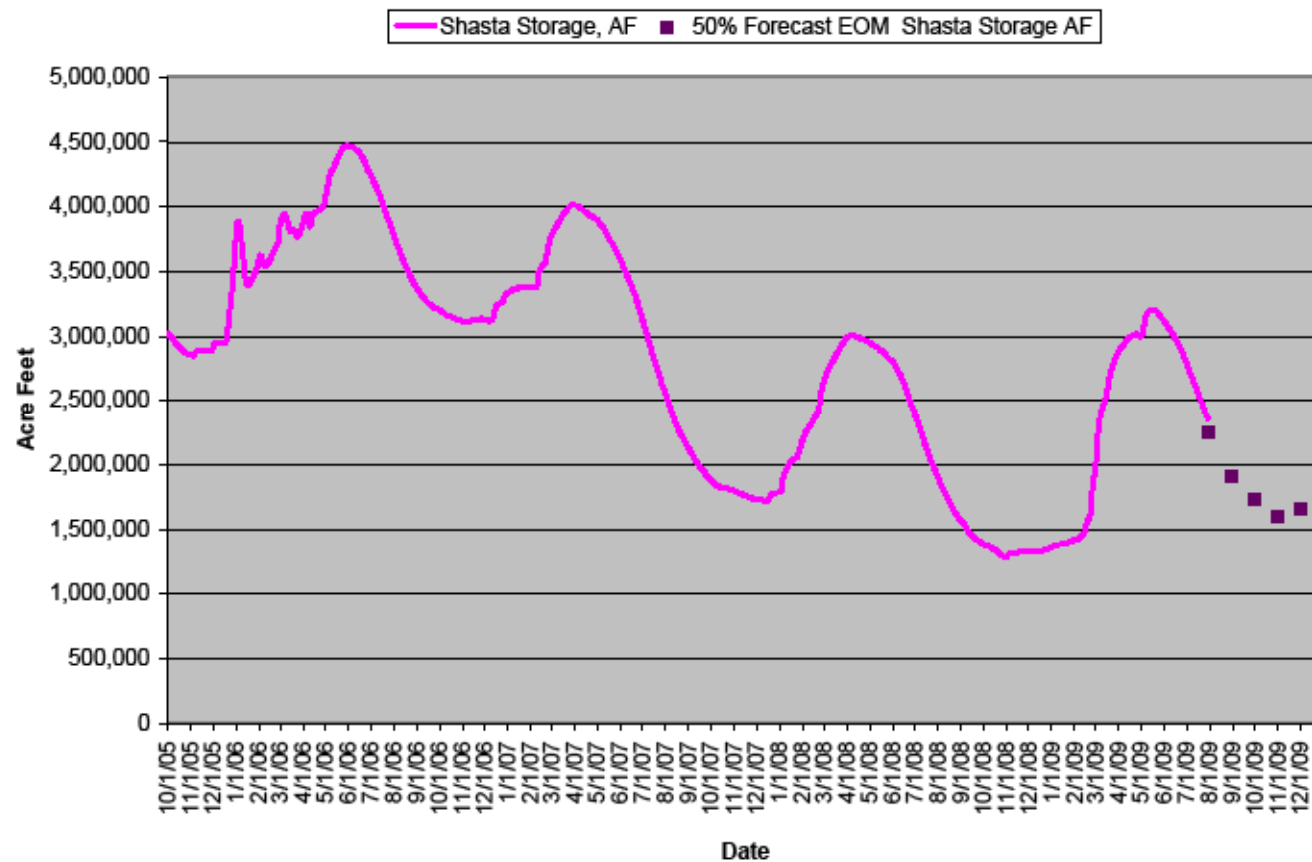
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3-Month Outlook



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Shasta Storage, AF
 Oct 1, 2005 thru Jul 29, 2009 Daily Actual
 Jul 31, 2009 thru Dec 31, 2009 Forecasted End of Month



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